

review material: section M

What is the limiting reactant in the synthesis of ammonia (NH₃) if you have 5.0 moles of N₂(g) and 10. moles of H₂(g) in the reaction vessel?



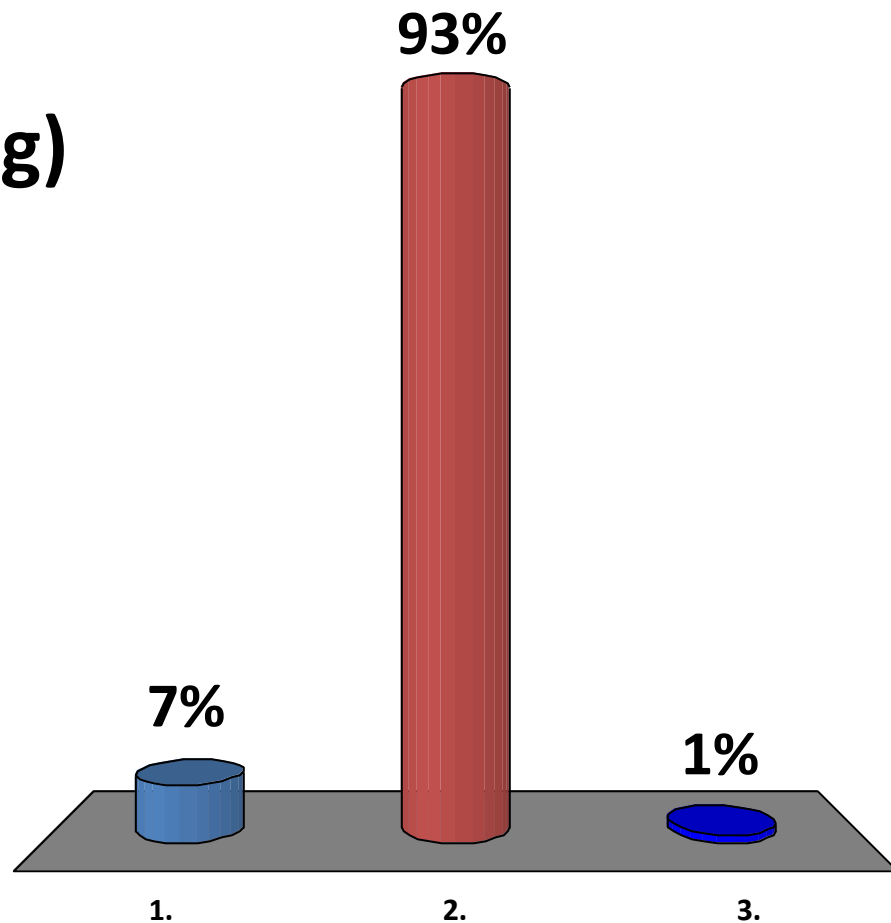
1. N₂ (g) is limiting
2. H₂ (g) is limiting
3. Neither are limiting

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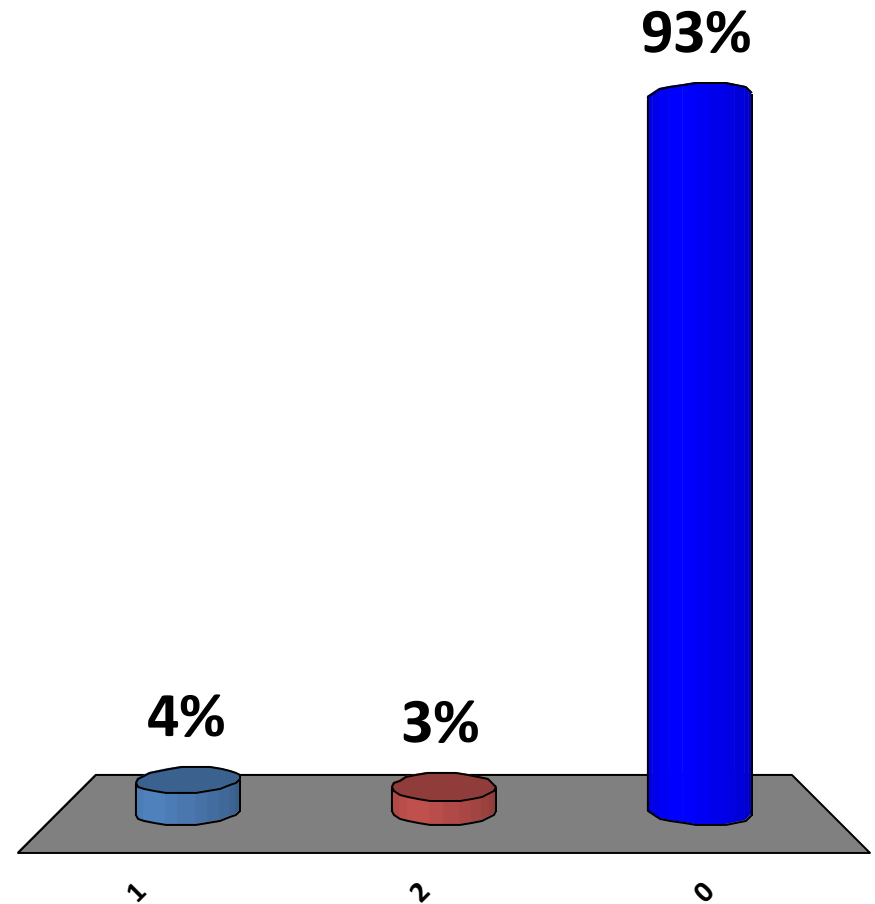


How many of your “ α particles”
backscattered?

1. 1
2. 2
3. 0

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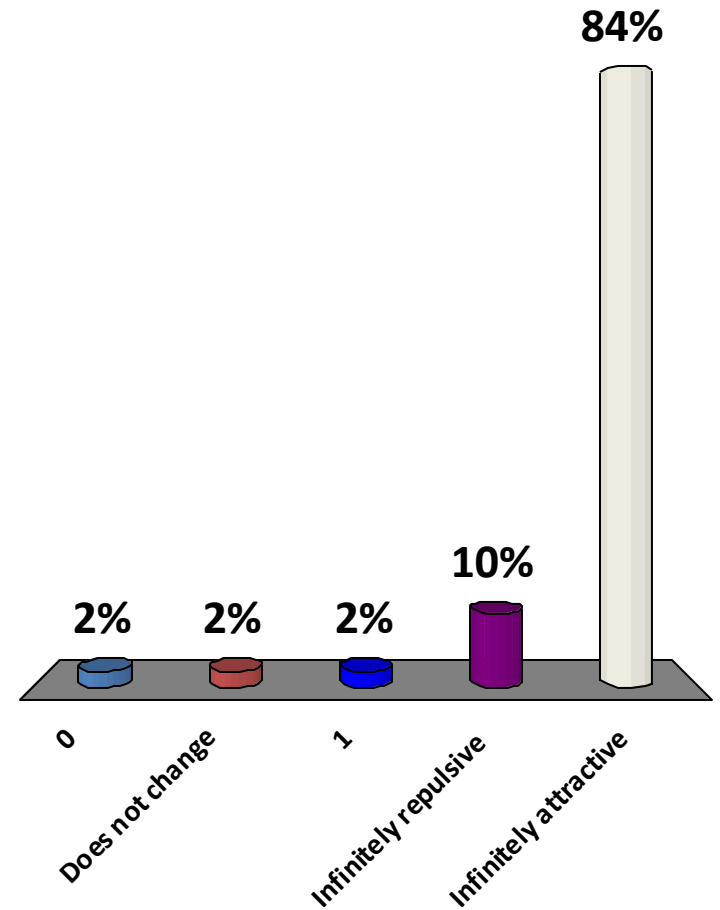


As $r \rightarrow 0$, $F(r) = ?$

1. 0
2. Does not change
3. 1
4. Infinitely repulsive
5. Infinitely attractive

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